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**PATENT**  
Attorney Docket No.: 082368-008100US  
Client Reference No.: E1-A0307P-US

TOWNSEND and TOWNSEND and CREW LLP

By: /Aaron Hokamura/

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of:

Yuichi ONO et al.

Application No.: 10/580,989

Int'l Application No.: PCT/JP04/17574

Int'l Filing Date: November 26, 2004

For: SPECIFIC MARKER LMX1A ON  
DOPAMINERGIC NEURONS

Confirmation No.: 5847

Examiner:

Art Unit:

INFORMATION DISCLOSURE  
STATEMENT UNDER 37 CFR §1.97 and  
§1.98

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

The references cited on attached form PTO/SB/08A and PTO/SB/08B are being called to the attention of the Examiner. Copies of the references AA - AG and AI are enclosed. A copy of reference AH is not enclosed since it was cited in an International Search Report in a corresponding application and, as such, should have been provided directly by the WIPO under the exchange program between the USPTO, the EPO and the JPO.

It is respectfully requested that the cited references be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

As provided for by 37 CFR §1.97(g) and (h), no inference should be made that the information and references cited are prior art merely because they are in this statement and no representation is being made that a search has been conducted or that this statement encompasses all the possible relevant information.

Applicant believes that no fee is required for submission of this statement.

However, if a fee is required, the Commissioner is authorized to deduct such fee from the undersigned's Deposit Account No. 20-1430. Please deduct any additional fees from, or credit any overpayment to, the above-noted Deposit Account.

Respectfully submitted,

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| Substitute for form 1449A/PTO   |   | <b>Complete if Known</b> |                   |
| <b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b><br><br>(Use as many sheets as necessary) |   | Application Number       | 10/580,989        |
|   |   | Filing Date              | November 26, 2004 |
|   |   | First Named Inventor     | Ono, Yuichi       |
|   |   | Art Unit                 |                   |
|   |   | Examiner Name            |                   |
| Sheet   | 1 | of                       | 2                 |
|   |   | Attorney Docket Number   | 082368-008100US   |

| U.S. PATENT DOCUMENTS |                       |   |                                |  |   |
|-----------------------|-----------------------|---|--------------------------------|--|---|
| Examiner Initials*    | Cite No. <sup>1</sup> | Document Number<br>Number Kind Code <sup>2</sup> (if known) | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines, Where<br>Relevant Passages or Relevant<br>Figures Appear |
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| FOREIGN PATENT DOCUMENTS |                       |                           |                     |                                   |                                |  |   |                                     |
|--------------------------|-----------------------|---------------------------|---------------------|-----------------------------------|--------------------------------|--|---|-------------------------------------|
| Examiner Initials*       | Cite No. <sup>1</sup> | Foreign Patent Document   |                     |                                   | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines,<br>Where Relevant Passages<br>or Relevant Figures Appear | T <sup>6</sup>                      |
|                          |                       | Country Code <sup>3</sup> | Number <sup>4</sup> | Kind Code <sup>5</sup> (if known) |                                |  |   |                                     |
|                          | AA                    | WO                        | 2004/038018         | A1                                | 02-06-2004                     | Eisai Co., Ltd.                                    |   | <input type="checkbox"/>            |
|                          | AB                    | WO                        | 2004/048573         | A1                                | 06-10-2004                     | Eisai Co., Ltd.                                    |   | <input type="checkbox"/>            |
|                          | AC                    | WO                        | 2004/065599         | A1                                | 08-05-2004                     | Eisai Co., Ltd.                                    |   | <input checked="" type="checkbox"/> |
|                          |                       |                           |                     |                                   |                                |  |   | <input type="checkbox"/>            |

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|--------------------|--|-----------------|--|
| Examiner Signature |  | Date Considered |  |
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Kind Codes of U.S. Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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| Substitute for form 1449B/PTO   |   |    |   | <b>Complete if Known</b> |                   |
| <b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b><br><br>(Use as many sheets as necessary) |   |    |   | Application Number       | 10/580,989        |
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|   |   |    |   | First Named Inventor     | Ono, Yuichi       |
|   |   |    |   | Art Unit                 |                   |
|   |   |    |   | Examiner Name            |                   |
| Sheet   | 2 | of | 2 | Attorney Docket Number   | 082368-008100US   |

| NON PATENT LITERATURE DOCUMENTS |                          |   |  |  |                          |
|---------------------------------|--------------------------|---|--|--|--------------------------|
| Examiner<br>Initials *          | Cite<br>No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.                               |  |  | T <sup>2</sup>           |
|                                 | AD                       | FAILLI, Vieri <i>et al.</i> ; "Expression of the LIM-homeodomain gene <i>Lmx1a</i> ( <i>dreher</i> ) during development of the mouse nervous system"; <u>Mechanisms of Development</u> 118:225-225 (2002)   |  |  | <input type="checkbox"/> |
|                                 | AE                       | KITADA, Kazuhiro <i>et al.</i> ; "Truncation of LIM homeobox transcription factor <i>Lmx1a</i> results in abnormal development of the central nervous system of qc/qc rat"; <u>The 15th International Mouse Genome Conference</u> ; 2001; International Mammalian Genome Society (Abstract)   |  |  | <input type="checkbox"/> |
|                                 | AF                       | KITADA, Kazuhiro and Tadao Serikawa; "Identification of the Causative Gene in eh Tremor Rat by Positional Cloning"; <u>Proceedings of the 17th Annual Meeting of The Japanese Society of Animal Models for Human Diseases</u> ; 2001; pp. 6-10  |  |  | <input type="checkbox"/> |
|                                 | AG                       | KITADA, Kazuhiro <i>et al.</i> ; "Mutation of the LIM Homeobox gene <i>Lmx1a</i> causes abnormal development of the central nervous system in the <i>queue courte</i> rat"; <u>Physiological Genomics &amp; Rat Models</u> , December 6-9, 2001, Cold Spring Harbor Laboratory, New York, USA |  |  | <input type="checkbox"/> |
|                                 | AH                       | KRUGER, M. <i>et al.</i> ; "The homeobox containing gene <i>Lbx1</i> is required for correct dorsal-ventral patterning of the neural tube"; <u>J. Neurochem.</u> 82(4):774-782 (2002)   |  |  | <input type="checkbox"/> |
|                                 | AI                       | MILLONIG, James H. <i>et al.</i> ; "The mouse <i>Dreher</i> gene <i>Lmx1a</i> controls formation of the roof plate in the vertebrate CNS"; <u>Nature</u> 403:764-769; February 17, 2000   |  |  | <input type="checkbox"/> |
|                                 |                          |   |  |  |                          |

|                       |  |                    |  |
|-----------------------|--|--------------------|--|
| Examiner<br>Signature |  | Date<br>Considered |  |
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<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.